

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **23** documents.
 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
**Results Key:**

JNL = Journal or Magazine CNF = Conference STD = Standard

**1 A Tile-Expansion Router**

Margarino, A.; Romano, A.; De Gloria, A.; Curatelli, F.; Antognetti, P.;  
 Computer-Aided Design of Integrated Circuits and Systems, IEEE Transaction  
 , Volume: 6 , Issue: 4 , July 1987  
 Pages:507 - 517

[\[Abstract\]](#) [\[PDF Full-Text \(1648KB\)\]](#) IEEE JNL
**2 Three-dimensional transient thermal simulation: application to delay short circuit protection in power ICs**

Antognetti, P.; Curatelli, F.; Bisio, G.R.; Palara, S.;  
 Solid-State Circuits, IEEE Journal of , Volume: 15 , Issue: 3 , Jun 1980  
 Pages:277 - 281

[\[Abstract\]](#) [\[PDF Full-Text \(800KB\)\]](#) IEEE JNL
**3 Symbolic generation of constrained random logic cells**

Costa, R.; Curatelli, F.; Caviglia, D.D.; Bisio, G.M.;  
 Computer-Aided Design of Integrated Circuits and Systems, IEEE Transaction  
 , Volume: 10 , Issue: 2 , Feb. 1991  
 Pages:220 - 231

[\[Abstract\]](#) [\[PDF Full-Text \(1148KB\)\]](#) IEEE JNL
**4 Implementation issues for congestion control in ATM networks**

Marchese, M.; Curatelli, F.; Chirico, M.; Mangeruca, L.;  
 Electronics, Circuits, and Systems, 1996. ICECS '96., Proceedings of the Third  
 International Conference on , Volume: 2 , 13-16 Oct. 1996  
 Pages:788 - 791 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(340KB\)\]](#) IEEE CNF
**5 Specification and management of timing constraints in behavioral V**

Curatelli, F.; Mangeruca, L.; Chirico, M.;  
 Design Automation Conference, 1996, with EURO-VHDL '96 and Exhibition,  
 Proceedings EURO-DAC '96, European , 16-20 Sept. 1996

Pages:522 - 527

[\[Abstract\]](#) [\[PDF Full-Text \(540KB\)\]](#) IEEE CNF

---

**6 A message-passing communication scheme for system specification**

*Curatelli, F.; Mangeruca, L.; Chirico, M.;*

EUROMICRO Conference, 1999. Proceedings. 25th ,Volume: 1 , 8-10 Sept. 1  
Pages:390 - 393 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(44KB\)\]](#) IEEE CNF

---

**7 S-CFG: a representation model for system synthesis**

*Curatelli, F.; Mangeruca, L.; Chirico, M.;*

Signals, Systems, and Electronics, 1998. ISSSE 98. 1998 URSI International  
Symposium on , 29 Sept.-2 Oct. 1998  
Pages:326 - 331

[\[Abstract\]](#) [\[PDF Full-Text \(476KB\)\]](#) IEEE CNF

---

**8 Implementation of an efficient algorithm for VLSI design rule check on a 2-D mesh of transputers**

*Caviglia, D.D.; Paganini, M.; Chirico, M.; Curatelli, F.; Barzaghi, M.; Bisio, G.I*

CompEuro '91. 'Advanced Computer Technology, Reliable Systems and  
Applications'. 5th Annual European Computer Conference. Proceedings. , 13-:  
May 1991

Pages:458 - 461

[\[Abstract\]](#) [\[PDF Full-Text \(268KB\)\]](#) IEEE CNF

---

**9 Symbolic compaction of digital CMOS cells**

*Barzaghi, M.; Curatelli, F.; Caviglia, D.D.; Bisio, G.M.;*

Electrotechnical Conference, 1991. Proceedings., 6th Mediterranean , 22-24 M  
1991

Pages:222 - 225 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(248KB\)\]](#) IEEE CNF

---

**10 Hierarchical management of VLSI cells at different description level**

*Barzaghi, M.; Bisio, G.M.; Caviglia, D.D.; Marchesi, M.; Curatelli, F.;*

Electrotechnical Conference, 1991. Proceedings., 6th Mediterranean , 22-24 M  
1991

Pages:327 - 330 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(320KB\)\]](#) IEEE CNF

---

**11 An object-oriented framework for the design of VLSI cells**

*Barzaghi, M.; Bisio, G.M.; Marchesi, M.; Caviglia, D.D.; Curatelli, F.;*

Circuits and Systems, 1990., Proceedings of the 33rd Midwest Symposium on  
14 Aug. 1990

Pages:100 - 103 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(400KB\)\]](#) IEEE CNF

---

**12 An algorithm for the definition of routing regions in VLSI design***Curatelli, F.; Bisio, G.M.; Caviglia, D.D.; Barzaghi, M.;*Circuits and Systems, 1990., Proceedings of the 33rd Midwest Symposium on  
14 Aug. 1990

Pages:184 - 187 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(432KB\)\]](#) [IEEE CNF](#)**13 Pre-placement of VLSI blocks through learning neural networks***Caviglia, D.D.; Bisio, G.M.; Curatelli, F.; Giovannacci, L.; Raffo, L.;*Design Automation Conference, 1990. EDAC. Proceedings of the European , 1  
March 1990

Pages:650 - 654

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) [IEEE CNF](#)**14 Efficient management of complex elements in physical IC design***Curatelli, F.; Barzaghi, M.; Bisio, G.M.;*

Circuits and Systems, 1990., IEEE International Symposium on , 1-3 May 1990

Pages:456 - 459 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(464KB\)\]](#) [IEEE CNF](#)**15 Neural algorithms for cell placement in VLSI design***Caviglia, D.D.; Bisio, G.M.; Curatelli, F.; Giovannacci, L.; Raffo, L.;*Neural Networks, 1989. IJCNN., International Joint Conference on , 18-22 Jun  
1989

Pages:573 - 580 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(652KB\)\]](#) [IEEE CNF](#)[1](#) [2](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |  
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)  
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **23** documents.
 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.
**Results Key:**

JNL = Journal or Magazine CNF = Conference STD = Standard

**16 A symbolic switchbox router for macrocell IC's design***Curatelli, F.; Bisio, G.M.;*

CompEuro '89., 'VLSI and Computer Peripherals. VLSI and Microelectronic Applications in Intelligent Peripherals and their Interconnection Networks', Proceedings. , 8-12 May 1989

Pages:5/45 - 5/48

[\[Abstract\]](#) [\[PDF Full-Text \(264KB\)\]](#) IEEE CNF
**17 Automatic generation of symbolic cells from a net-list description***Costa, R.; Curatelli, F.; Caviglia, D.D.;*

CompEuro '89., 'VLSI and Computer Peripherals. VLSI and Microelectronic Applications in Intelligent Peripherals and their Interconnection Networks', Proceedings. , 8-12 May 1989

Pages:5/35 - 5/39

[\[Abstract\]](#) [\[PDF Full-Text \(360KB\)\]](#) IEEE CNF
**18 Heuristic strategies for switchbox routing in VLSI design***Curatelli, F.; Bisio, G.M.;*

Circuits and Systems, 1989., IEEE International Symposium on , 8-11 May 1989

Pages:913 - 916 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(288KB\)\]](#) IEEE CNF
**19 Mapping linear algebra algorithms into array processors: a case study***Bisio, G.M.; Arduini, F.; Curatelli, F.; Di Zitti, E.; Parodi, G.C.; Zini, A.;*

Acoustics, Speech, and Signal Processing, 1988. ICASSP-88., 1988 International Conference on , 11-14 April 1988

Pages:2084 - 2087 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(160KB\)\]](#) IEEE CNF
**20 A method for programming matrix algorithms in array processors***Bisio, G.M.; Arduini, F.; Curatelli, F.; Di Zitti, E.; Parodi, G.C.; Zini, A.;*

CompEuro '88. 'Design: Concepts, Methods and Tools' , 11-14 April 1988

Pages:265 - 271

[\[Abstract\]](#) [\[PDF Full-Text \(312KB\)\]](#) [IEEE CNF](#)

---

**21 Efficient technique for partitioning and programming linear algebra algorithms on concurrent VLSI architectures**

*Di Zitti, E.; Chirico, M.; Curatelli, F.; Bisio, G.M.;*

Circuits, Devices and Systems, IEE Proceedings [see also IEE Proceedings G-Circuits, Devices and Systems] ,Volume: 142 , Issue: 2 , April 1995

Pages:97 - 104

[\[Abstract\]](#) [\[PDF Full-Text \(580KB\)\]](#) [IEEE JNL](#)

---

**22 Switchbox routing with rerouting capabilities in VLSI design**

*Curatelli, F.;*

Circuits, Devices and Systems, IEE Proceedings G ,Volume: 137 , Issue: 3 , 1990

Pages:210 - 218

[\[Abstract\]](#) [\[PDF Full-Text \(716KB\)\]](#) [IEEE JNL](#)

---

**23 Safe sequencing of concurrent events in behavioural simulation**

*Curatelli, F.; Bisio, G.M.; Di Zitti, E.;*

Circuits, Devices and Systems, IEE Proceedings G ,Volume: 137 , Issue: 6 , 1990

Pages:451 - 458

[\[Abstract\]](#) [\[PDF Full-Text \(584KB\)\]](#) [IEEE JNL](#)

---

[Prev](#) [1](#) [2](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **7** of **1047691** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☒ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 High-level synthesis of recoverable VLSI microarchitectures***Blough, D.M.; Kurdahi, F.J.; Seong Yong Ohm;*

Very Large Scale Integration (VLSI) Systems, IEEE Transactions on , Volume: 7 , Issue: 4 , Dec. 1999

Pages:401 - 410

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) **IEEE JNL**
**2 Time-constrained scheduling during high-level synthesis of fault-se VLSI digital signal processors***Karri, R.; Orailoglu, A.;*

Reliability, IEEE Transactions on , Volume: 45 , Issue: 3 , Sept. 1996

Pages:404 - 412

[\[Abstract\]](#) [\[PDF Full-Text \(948 KB\)\]](#) **IEEE JNL**
**3 VLSI high level synthesis of fast exact least mean square algorithm based on fast FIR filters***Diguet, J.-P.; Sentieys, O.; Chillet, D.; Philippe, J.-L.;*

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 1 , 21-24 April 1997

Pages:671 - 674 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) **IEEE CNF**
**4 A constructive method for data path area estimation during high-level VLSI synthesis***Natesan, V.; Gupta, A.; Katkoori, S.; Bhatia, D.; Vemuri, R.;*

Design Automation Conference 1997. Proceedings of the ASP-DAC '97. Asia and South Pacific , 28-31 Jan. 1997

Pages:509 - 515

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) [IEEE CNF](#)

---

**5 A high-level synthesis methodology for low-power VLSI design**

*Goodby, L.; Orailoglu, A.; Chau, P.M.;*

Low Power Electronics, 1994. Digest of Technical Papers., IEEE Symposium , Oct. 1994

Pages:48 - 49

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) [IEEE CNF](#)

---

**6 VLSI design and implementation of a discrete cosine transform chip video compression using high level synthesis tools**

*Subramani, N.; Ogunfunmi, T.;*

Circuits and Systems, 1994., Proceedings of the 37th Midwest Symposium on , Volume: 1 , 3-5 Aug. 1994

Pages:66 - 69 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE CNF](#)

---

**7 Automatic synthesis of VLSI control paths for high level specificatio**

*Su, S.-T.; Makki, R.Z.; Chen, S.-S.; Bou-Ghazale, S.;*

Southeastcon '89. Proceedings. 'Energy and Information Technologies in the Southeast', IEEE , 9-12 April 1989

Pages:1009 - 1014 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) [IEEE CNF](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



Welcome  
**United States Patent and Trademark Office**



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

## Quick Links

**Welcome to IEEE Xplore®**

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author  
☐ Basic  
☐ Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

## IEEE Enterprise

-  Access the  
IEEE Enterprise  
File Cabinet

Your search matched **2** of **1047691** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

### Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

```
(behavior* <near/10> vhdl) <and> ((message <near/
```

## Search

☐ Check to search within this result set

### Results Key:

**JNL** = Journal or Magazine    **CNF** = Conference    **STD** = Standard

### 1 32-bit PI-bus versus 32-bit Futurebus+ performance comparison

*Emmitt, J.;*

Aerospace and Electronics Conference, 1993. NAECON 1993., Proceedings of IEEE 1993 National , 24-28 May 1993

Pages:157 - 164 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) [IEEE CNF](#)

## 2 Extensions to VHDL for abstraction of concurrency and communication

*Ashenden, P.J.; Wilsey, P.A.;*

Modeling, Analysis and Simulation of Computer and Telecommunication Systems  
1998. Proceedings. Sixth International Symposium on , 19-24 July 1998

Pages:301 - 308

[\[Abstract\]](#)   [\[PDF Full-Text \(52 KB\)\]](#)   **IEEE CNF**



[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

**Try our New Full-text Search Prototype** **GO**
[Help](#)

- 1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.  
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
(behavioral <near/1> vhd1)
<and> ((message <near/1
passing) <near/7> (broadcast
<or> multi*))
```



Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

**Search Options:**
**Select publication types:**

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

**Select years to search:**

 From year:  to 
**Organize search results by:**

 Sort by: 

 In:  order

 List  Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

**Try our New Full-text Search Prototype** **GO**
[Help](#)

- 1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.  
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
(behavioral <near/1> vhd1)
<and> ((message <near/1
passing) <near/7> (broadcast
<or> multi*))
```

**Start Search**
**Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

**Search Options:**
**Select publication types:**

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

**Select years to search:**

 From year: **All** to **Present**
**Organize search results by:**

 Sort by: **Relevance**

 In: **Descending** order

 List **15** Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore®**  
RELEASE 1.8Welcome  
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Your search matched **0** of **0** documents.  
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:**

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**Results:**

**No documents matched your query.**

**Print Format**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



» Adv

Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

**Try our New Full-text Search Prototype** **GO**
[Help](#)

- 1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.  
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
(behavioral <near/1> vhd1)
<and> ((message <near/1
passing))
```

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

**Search Options:****Select publication types:**

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

**Select years to search:**
 From year:  to 
**Organize search results by:**
 Sort by: 

 In:  order

 List  Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.8

 Welcome  
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

## IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Try our New Full-text Search Prototype **GO**[Help](#)

- 1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.

Example: optical &lt;and&gt; (fiber &lt;or&gt; fibre) &lt;in&gt; ti

- 3) Limit the results by selecting Search Options.

- 4) Click Search. See [Search Examples](#)

```
(behavior* <near/7> vhd1)
<and> ((message <near/2
passing))
```

**Start Search****Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

## Search Options:

## Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

## Select years to search:

From year:  to 

## Organize search results by:

Sort by: In:  orderList  Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore®**  
RELEASE 1.8Welcome  
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

**Tables of Contents**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

**Search**

- ☐ By Author
- ☐ Basic
- ☐ Advanced

**Member Services**

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

**IEEE Enterprise**

- ☐ Access the IEEE Enterprise File Cabinet

Your search matched **0** of **1047691** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard**Results:****No documents matched your query.** **Print Format**[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved